

UNINTERRUPTIBLE POWER SUPPLY APPARATUS AND METHODS USING A DISPLAY WITH VARIABLE BACKLIGHTING

ABSTRACT OF THE DISCLOSURE

A UPS includes a UPS circuit that selectively supplies power to a load from first and second power sources, and a display (e.g., an LCD) coupled to the UPS circuit and operative to provide display graphical and/or textual information pertaining thereto. The UPS apparatus further comprises a backlight circuit coupled to the UPS circuit and operative to provide different backlightings of the display responsive to respective states of the UPS circuit. For example, the backlight circuit may be operative to backlight the display with a first color responsive to the UPS circuit powering the load from a primary power source (e.g., a “normal” operating state), to backlight the display with a second color responsive to the UPS circuit powering the load from a backup power source (e.g., a “cautionary” operating state), and to backlight the display with a third color responsive to the UPS circuit detecting an impending failure of the backup power source (e.g., an “alarm state”).